Applications Development & Systems Analyst

Participate in software design, development, and support of *(list application):*

- Support DB server infrastructure code: identify and resolve system "bugs" within (*list timeframe*).
- Support DB installations by making new installations, moving new installations upon request and assist when no experimental personnel is available.
- Add newer 3rd party releases to DB server as needed.
- Initiate at least *(list number)* continuous improvement to the DB server performance analysis *(list timeframe).*

Lead Experimental Database Applications

- Lead database development effort for experimental group: act as primary contact, negotiate and track priorities, oversee implementation.
- Provide product maintenance and support for such application within *(list timeframe)* of request
- Provide support to on-site developers and off-site users: respond to e-mail or calls within *(list timeframe)*.

Applications Support

- Develop web pages to insert, update, delete, and graph online database tables by leveraging existing *(list specifics)* applications by *(list timeframe).*

New Product

- Evaluate new product, determine how it operates, its configuration, and what collection of source is currently in use.
- Provide documentation on how to build the system and any needed maintenance documentation by *(list timeframe).*

Coding Standards

- When coding end-user applications, separate user interface code from business rules where feasible
- Develop web-based applications using Ajax/JavaScript model
- Develop test suites for API's where possible
- Provide documentation for code written (include internal comments and external documents) *(list timeframe)*
- Research and utilize automated tools as appropriate.